

Converting Colors

Decimal(7388600)

Have a look what the booklet for
Decimal(7388600) contains.

Decimal(7388600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7388600)

Conversions

Conversions Part 1

Format	Color
Hex	70BDB8
RGB	112, 189, 184
RGB Percent	44%, 74%, 72%
CMY	0.5608, 0.2588, 0.2784
CMYK	0.41, 0.00, 0.03, 0.26
HSL	176°, 37%, 59%
HSV	176°, 41%, 74%
XYZ	33.5314, 43.3006, 51.9380
YIQ	165.4070, -44.2870, -17.8790

Conversions

Conversions Part 2

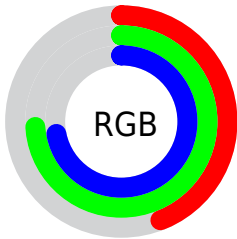
Format	Color
RYB	112, 152, 189
Decimal	7388600
CIELab	71.76, -24.97, -4.96
CIELCh	72, 25.460, 191.236
Yxy	43.3006, 0.2604, 0.3363
Android (android.graphics.Color)	4285578680 (0xFF70BDB8)
YUV	165.4070, 9.1663, -46.8379
Hunter-Lab	65.8032, -24.1972, -0.7349

Details

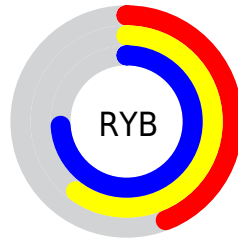
The Decimal color **7388600** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **12415093**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **11007728**, and **3770243** is the 20% darker color. If you saturate the color by 10%, you get **6143415**, and if you desaturate by 10%, it is **8633785**.

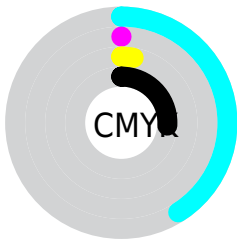
Distribution



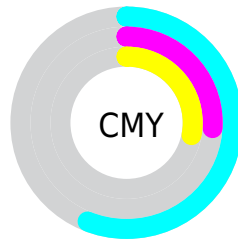
- Red (44%)
- Green (74%)
- Blue (72%)



- Red (44%)
- Yellow (60%)
- Blue (74%)



- Cyan (41%)
- Magenta (0%)
- Yellow (3%)
- Black (26%)



- Cyan (56%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7388600 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 7388600 by changing the saturation by 10% instead.



7388600



7388600

16777215



5612189



11007728



3770243



12910591



1666666



14811135



21842

16711679



15675



10021



3345



0



7388600



7388600

6143415

8633785

4898230

9878970

3653044

11124156

2407859

12369341

1162674

13614526

48561

14794175

16039361

16760258

16760259

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8699040



7388600



7191502

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7388600



12494803



13543812

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7388600



12415093

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14459538



7388600



14000575

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7388600



10530781



14655400



12104066

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7388600



7911640



14655400



13936520

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7388600



14153203



7716208



6912633



16448250



8026746

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7388600



8254957



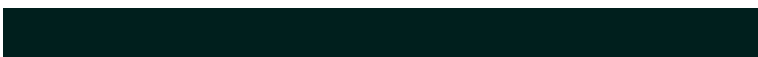
7380157



5594718



40596



7965

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



12415093



16088453



12423536



6182230



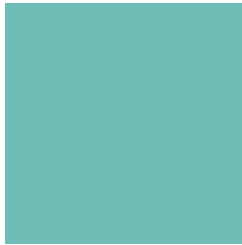
10354698



2031618

Previews

White Background



This preview shows how the Decimal color 7388600 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 7388600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

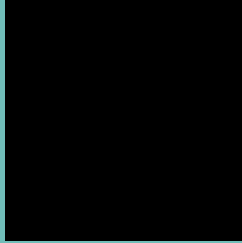
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

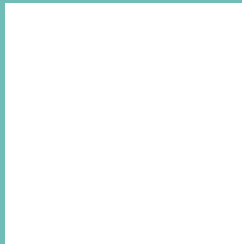
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 7388600 Background



This preview shows how black text looks on a background with the Decimal color 7388600.



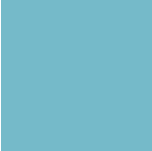
This preview shows how white text looks on a background with the Decimal color 7388600.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





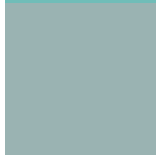
Tritanopia
7715529

Trichromacy



Original Color

7388600



Protanomaly

10138546



Deuteranomaly

10465723



Tritanomaly

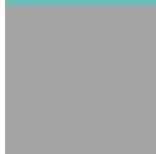
7584707

Monochromacy



Original Color

7388600



Achromatopsia

10855845



Achromatomaly

9612972

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7388600 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #70BDB8 looks like.

```
.text, #text, p{  
    color:#70BDB8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #70BDB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70BDB8
}
```

Border

The CSS property to change the border of an element to Decimal 7388600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70BDB8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#70BDB8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #70BDB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70BDB8; -webkit-box-shadow:4px 4px  
4px 4px #70BDB8; box-shadow:4px 4px 4px  
4px #70BDB8 }
```

Background

The CSS property to change the background color of an element to Decimal 7388600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70BDB8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#70BDB8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor